Defense

PLEASE NOTE:

The requests listed below were made to the relevant authorizing and appropriating committees.

Recipient Name
Recipient Address
Amount Requested
Description

AeroGear
1050 Day Hill Road, Windsor, Ct 06095
$2,000,000
This project will create jobs for the highly skilled workers of the 21st century by developing technology to cost-effectively reengineer and manufacture parts to support our Army’s aging fleet of helicopters. The modernization of the fleet of legacy helicopters will protect the men and women who defend our nation and ensure the highest vehicle performance for the U.S. Army.

Capewell Components Company
105 Nutmeg Road South, South Windsor, CT 06074
$3,000,000
With U.S. Forces deployed in difficult foreign terrain, the military has drastically increased the use of precision airdrops to get supplies to our troops on the ground. This project will help develop technology to improve the precision deliveries and ensure the safety of our troops by reducing their exposure in dangerous locations.

Goodrich Pump & Engine Controls - Universal Control
Charter Oak Boulevard, West Hartford, CT 06110
$9,000,000
This project will reduce the operation cost of the Army’s fleet of helicopters, saving the American taxpayers up to 30%, by developing new hardware and controls to enhance reliability and mission capability in harsh environments.

Goodrich Pump & Engine Controls - Thermally Efficient Pumping System
Charter Oak Boulevard, West Hartford, CT 06110
$5,000,000
In high altitudes, fuel temperatures of Aerial vehicles rise to hazardous levels that increase fuel consumption, and overheating of essential electronic systems. This project will develop a thermal pumping system that protects our Air Force from onboard electronic system failure and taxpayers from the cost of constant refueling of the vehicle.

Hamilton Sundstrand
1 Hamilton Road, Windsor Locks, CT 06096
$18,500,000
This project will retrofit a fleet of aircrafts with modern propellers that will protect our pilots from the threat of take-off roll and slides and increases the overall toll load of the aircraft. The upgrade will greatly reduce the overall operations and logistics cost of the aircrafts.

Infinity Fuel Cell & Hydrogen, Inc. - Regenerative Fuel Cell Back Up Power

431A Hayden Station Road, Windsor, CT 06095
$1,700,000
The Department of Defense is the single largest energy consumer in the nation. This project will develop a stationary renewable hydrogen cell energy source that decreases the carbon footprint of our military and creates green jobs in one of our state’s fastest growing sectors.

Infinity Fuel Cell & Hydrogen, Inc. - Smart Modular Regenerative Mobile Hydrogen Fuel Cell
431A Hayden Station Road, Windsor, CT 06095
$2,500,000
The funding for this project will create a mobile renewable power generation source for our military that can be used during expanded military missions. It will help develop an important sector of our clean energy economy in Connecticut.

Kaman Aerospace Corporation
1322 Blue Hills Avenue, Bloomfield, CT 06002
$4,800,000
This project will increase the reliability of resupply missions and the overall safety of our troops on the ground. Funding will be used to develop an unmanned helicopter that can deliver supplies to our armed forces in areas complicated by hostile military and environmental conditions.

Pratt & Whitney
400 Main Street, East Hartford, CT 06108
$6,000,000
By building the next generation of helicopter engines, this project will sustain jobs in Connecticut’s manufacturing sector, and reduce the cost of maintenance to American taxpayers over the complete life of the helicopter.

R & D Dynamics Corporation
15 Barber Pond Road, Bloomfield, CT 06002
$3,000,000
The funding for this project will utilize foil bearings to increase the life of an Unmanned Aerial Vehicle’s (UAV) engine. By correcting the issue of the short life of UAV engines, the project will greatly increase system reliability while decreasing overall costs to American taxpayers.

RSL Fiber Systems, LLC
409 Silver Lane, East Hartford, CT 06118
$2,500,000
This project, a joint initiative of local universities, community colleges, and Connecticut companies, will develop the use of lasers as a light source on U.S. Navy ships. The project will help the Navy save on energy costs and develop new laser technologies for use in other sectors

Timken Aerospace Transmissions-Purdy Systems
586 Hillard Street, Manchester, CT 06040
$4,500,000
This project will fund testing of a new innovative technology to increase the speed, maneuverability, and survivability of military crew beyond that of conventional military helicopters. It keeps an industrial base and jobs in Connecticut.

University of Hartford
200 Bloomfield Avenue, West Hartford, CT 06117
$3,000,000
Our military is facing new and unexpected challenges as it works around the world to keep us safe. To help in those endeavors the University of Hartford and manufacturing partners in the private and public sector are working with the Army to develop a key unmanned technology that will keep our soldiers out of harm’s way and reduce unnecessary civilian casualties. The project is crucial to Connecticut’s advanced manufacturing industry.

UTC Research Center
411 Silver Lane, East Hartford, CT 06108
$5,000,000
In extreme foreign climates, our troops are facing the threat of injury from hyperthermia or overheating. The development

of a wearable climate control that this project will undertake will save lives and protect our troops from the environmental dangers.

Country Study Series*

*LANGUAGE REQUEST

$2,500,000

To extend our knowledge and understanding of foreign countries, this project would divert funds that have already been appropriated to the Department of Defense to work in cooperation with the Librarian of Congress on a revised set of the Country Study Series and update this series on an ongoing basis.